

KOBAY18.001AUS



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ogawa, et al. )  
App. No. : 10/099,855 )  
Filed : March 14, 2002 )  
For : **DOUBLE-SIDED FERRULE MANUFACTURING** )  
**METHOD, AUXILIARY MEMBER USED THEREIN, END** )  
**SURFACE POLISHING METHOD FOR DOUBLE-SIDED** )  
**FERRULE, OPTICAL CONNECTOR ASSEMBLING** )  
**METHOD, OPTICAL CONNECTOR, GUIDE PIN, AND** )  
**OPTICAL CONNECTOR CONNECTING METHOD USING** )  
**THE SAME** )  
Examiner : Unknown )

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

United States Patent and Trademark Office  
PO BOX 2327  
Arlington, VA 22202

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or

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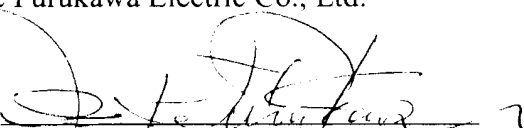
imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

The Furukawa Electric Co., Ltd.

Dated: May 10, 2002

By:   
Name: Junnosuke Furukawa

Title: President

Address: 6-1, Marunouchi 2-chome, Chiyoda-ku  
Tokyo 100-8322, JAPAN

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ASSIGNMENT

WHEREAS, WE (1) Takahiro Ogawa, a Japanese citizen, residing in Tokyo, Japan, (2) Katsuki Suematsu, a Japanese citizen, residing in Tokyo, Japan, and (3) Masao Shinoda, a Japanese citizen, residing in Tokyo, Japan, hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in **DOUBLE-SIDED FERRULE MANUFACTURING METHOD, AUXILIARY MEMBER USED THEREIN, END SURFACE POLISHING METHOD FOR DOUBLE-SIDED FERRULE, OPTICAL CONNECTOR ASSEMBLING METHOD, OPTICAL CONNECTOR, GUIDE PIN, AND OPTICAL CONNECTOR CONNECTING METHOD USING THE SAME**, the specification of which was filed on March 14, 2002 as Application No. 10/099,855.

AND WHEREAS, The Furukawa Electric Co., Ltd., with its principal place of business at 6-1 Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 9th day of May, 2002

Takahiro Ogawa  
Signature of Takahiro Ogawa

This 7th day of May, 2002

Katsuki Suematsu  
Signature of Katsuki Suematsu

This 7th day of May, 2002

Masao Shinoda  
Signature of Masao Shinoda

Witnessed by:

Akihi Goshioke  
Print Name:

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